

FORM PTO-1449
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT(S)

Atty Docket No.: 2377/11
Serial No. : 08/674,726
Applicants : S. MOSKOWITZ et al.
Filed : 2 July 1996
Group Art Unit : ~~2607~~ 2732
Examiner : H. Kizou

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner
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| <p><u>mc</u></p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> | <ol style="list-style-type: none"> 1. First International Workshop, Cambridge, U.K., 30 May to 1 June 1996, Joshua R. Smith and Barrett O. Comiskey: <i>Modulation and Information Hiding in Images</i>, Springer Verlag, pp. 207-227 2. SPIE-EI97, Vol. 3022, Martin Kutter et al.: <i>Digital Signature of Color Images Using Amplitude Modulation</i>, pp. 518-527 3. SPIE-96 PROCEEDINGS, Vol. 2915, 3/97, Joan Puate & Fred Jordan: <i>Using Fractal Compression Scheme to Embed a Digital Signature into an Image</i>, pp. 108-118 4. 1996 IEEE Int. Conf. on Multimedia Computing and Systems, June 17-23, Hiroshima, Japan, Laurence Boney et al.: <i>Digital Watermarks for Audio Signals</i>, pp. 473-480 5. Proceedings of EUSIPCO-96, Eighth European Signal Processing Conference, Trieste, Italy, 10-13 September 1996, Laurence Boney et al.: <i>Digital Watermarks for Audio Signals</i>, 5 pp. 6. Proc. of the 1996 IEEE Int. Conf. on Image Processing, Vol. III, Mitchell D. Swanson et al.: <i>Transparent Robust Image Watermarking</i>, 1996, pp. 211-214 |
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Sheet 2 of 3

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8. NEC Research Institute, Technical Report 95-10, I.J. Cox et al.: *Secure Spread Spectrum Watermarkings for Multimedia*, 33 pp.
9. Proceedings of the KnowRight'95 Conference, J. Zhao, E. Koch: *Embedding Robust Labels into Images for Copyright Protection*, pp. 242-251
10. 1995 IEEE Workshop on Nonlinear Signal and Image Processing, Neos Marmaras, June 1995, E. Kock, J. Zhao: *Towards Robust and Hidden Image Copyright Labeling*, 4 pp.
11. Department of Electrical Engineering, Information Theory Group, Delft University of Technology, Delft, The Netherlands, G.C. Langelaar et al.: *Copy Protection for Multimedia Data based on Labeling Techniques*, July 1996, 9 pp.
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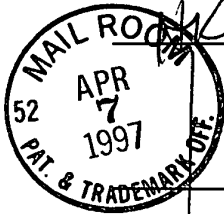
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13. Second Asian Image Processing Conference, Singapore, Dec. 6-8, 1995, vol. 2, R.G. van Schyndel et al.: *Towards a Robust Digital Watermark*, pp. 504-508
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16. IEE PROCEEDINGS, Vol. 143, No. 4, Aug. 1996, J.J.K. O Ruanaidh et al.: *Watermarking Digital Images for Copyright Protection*, pp. 250-256
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	APPLICANT Scott A. MOSKOWITZ et al.	
	FILING DATE July 2, 1996	GROUP TO BE 2732 DETERMINED

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
HZ	5,379,345	1-3-95	Greenberg		
	4,908,873	3-13-90	Philibert et al.		
	5,412,718	5-2-95	Narasimhalu et al.		
	4,979,210	12-18-90	Nagata et al.		
	5,073,925	12-17-91	Nagata et al.		
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	4,980,782	12-25-90	Ginkel		
	5,408,505	4-18-95	Indeck et al.		
	5,365,586	11-15-94	Indeck et al.		
	5,319,735	6-7-94	Preuss et al.		
	4,424,414	1-3-84	Hellman et al.		
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V	5,428,606	6-27-95	Moskowitz.		

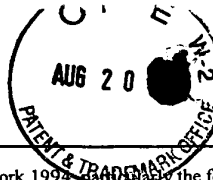
* - If pertinent

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS

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HZ	Press, Flannery, Teukolsky and Vetterling, "Numerical Recipes in C", Cambridge University Press, 1988, "12. Fourier Transform Spectral Methods", pp. 398-470.
	Pohlmann, Ken C., "Principles of Digital Audio", Third Edition, 1995, pp. 32-37, 40-48, 138, 147-149, 332, 333, 364, 499-501, 508-509, 564-571.
V	Pohlmann, Ken C., "Principles of Digital Audio", Second Edition, 1991, pp. 1-9, 19-25, 30-33, 41-48, 54-57, 86-107, 375-387.



<i>HK</i>	Schneier, B., "Applied Cryptography", John Wiley & Sons, Inc., New York 1994, particularly the following sections for steganography: 4.1 Subliminal Channel, pp. 66-68, 16.6 Subliminal Channel, pp. 387-392, particularly the following sections for cryptography "Chapter 1: Foundations", pp. 1-16, "Chapter 2: Protocol Building Blocks", pp. 17-41, "Chapter 3: Basic Protocols," pp. 42-57. Chapter 12.1: Public-Key Algorithms Background", pp. 273-275, "Chapter 14.1: One-Way Hash Functions, Background", pp. 321-324.
<i>HK</i>	Kahn, D., "The Code Breakers", The Macmillan Company, 1969, particularly the following sections on steganography pp. xiii, 81-83, 513, 515, 522-526, 873.

EXAMINER <i>A. Kizou</i>	DATE CONSIDERED <i>3/27/98</i>
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